

DECLARATION, POWER OF ATTORNEY AND PETITION

As a below named inventor, I hereby declare that:

My residence, post office and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought on the invention entitled

TARGETING GENE EXPRESSION TO LIVING TISSUE USING JET INJECTION

the specification of which
[X] is attached hereto [] was filed on _____ as Application Serial No. 07/
_____ and was amended on _____ (if
applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

[]	[]
[]	[]
[]	[]
Yes	No

[Number] [Country] [Day/Month/Year filed]

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

[Application Serial No.]

[Filing Date]

Status: patented, pending, abandoned]

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) and/or agent(s): Reid G. Adler, Reg. No. 30,988; Robert Benson, Reg. No. 33,612; James C. Haight, Reg. No. 25,588; Marjorie D. Hunter, Reg. No. 30,560; Dante J. Picciano, Reg. No. 33,543; Gloria H. Richmond, Reg. No. 30,416; Susan S. Rucker, Reg. No. P35,762; David R. Sadowski, Reg. No. 32,808; Jack Spiegel, Reg. No. 34,477; Thomas G. Wiseman, Reg. No. P35,046; Denise C. Bernstein, Reg. No. P35,787; Allan M. Lowe, Reg. No. 19,641; Robert L. Price, Reg. No. 22,685; Robert E. LeBlanc, Reg. No. 17,219; Stephen A. Becker, Reg. No. 26,527; Henry Shur, Reg. No. 17,414; Israel Gopstein, Reg. No. 27,333; Benjamin J. Hauptman, Reg. No. 29,310; Donald C. Casey, Reg. No. 24,022; Kenneth E. Krosin, Reg. No. 25,735; Chittaranjan N. Nirmel, Reg. No. 30,408; Holly D. Kozlowski, Reg. No. 30,468; Michael J. Strauss, Reg. No. 32,443; Michael S. Gzybowski, Reg. No. 32,816; Gene Z. Rubinson, Reg. No. 33,351; Robert G. Lev, Reg. No. 30,280; J. G. Mullins, Reg. No. 33,073; Arthur P. Demers, Reg. No. 32,660; Edward J. Wise, Reg. No. 34,523; Christopher W. Erody, Reg. No. 33,613; and Keith E. George, Reg. No. 34,111, all of LOWE, PRICE, LEBLANC & BECKER, Suite 300, 99 Canal Center Plaza, Alexandria, Virginia 22314, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and all future correspondence should be addressed to them.

Full name of sole or first inventor PRISCILLA ANNE FURTH, M.D.
 Inventor's Signature PRISCILLA ANNE FURTH Date: MAY 21, 1992
 Residence 8306 ALTIMONT LANE CHEVY CHASE, MD 20815
 Citizenship U. S.
 Post Office Address same as residence
 Full name of second joint inventor, if any LOTHAR HENNIGHAUSEN
 Inventor's Signature Lothar Hennighausen Date: 5/21/92
 Residence 8306 ALTIMONT LANE, CHEVY CHASE, MD 20815
 Citizenship U. S.
 Post Office Address same as residence

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Serial No.: FURTH et al.
08/433,265
Filed: 5/2/95

Art Unit: 1804
Examiner: Rories, C.

Title: TARGETING GENE EXPRESSION TO LIVING TISSUE USING JET INJECTION

Associate Power of Attorney

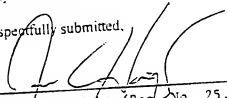
Hon. Asst. Commissioner of Patents
and Trademarks
Washington, D.C. 20531

Dear Sir or Madam:

The undersigned attorney of record, pursuant to the provisions of 37 CFR 1.33 and 1.34 and MPEP 402.02, hereby appoints the following representatives of the law firm of Fish & Richardson, 4225 Executive Square, Suite 1400, La Jolla, CA 92037, Tel.: (619) 678-5070, Fax.: (619) 678-5099, as associate attorneys in this application:

Karl Bozicevic, (Reg. No. 28,307); Peter J. Devlin, (Reg. No. 31,753); Mark S. Ellinger, (Reg. No. 34,812); Janis K. Fraser, (Reg. No., 34,819); John W. Freeman, (Reg. No. 29,066); Lisa A. Haile, (Reg. No. 38,347); Scott C. Harris, (Reg. No., 32,030); William J. Hone, (Reg. No. 26,739); John F. Land, (Reg. No. 29,554); Robert C. Nabinger, (Reg. No. 33,431); Reginald Suyat, (Reg. No. 28,172); Y. Rocky Tsao, (Reg. No. 34,054); John R. Wetherell, Jr., (Reg. No. 31,678); and Dorothy P. Whelan, (Reg. No. 33,814).

Respectfully submitted,


James C. Haight (Reg. No. 25,588)
For: Maria C. Freire, Director
Office of Technology Transfer
National Institutes of Health
6011 Executive Boulevard, Suite 325
Rockville, MD 20852
Telephone (301) 496-7057

Dated: 21 OCT 97

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

FURTH et al.
 Serial No.: 08/433,265
 Filed: 5/2/95

Art Unit: 1819
 Examiner: Rories, C.

Title: TARGETING GENE EXPRESSION TO LIVING TISSUE USING JET INJECTION

Substitute Power of Attorney

Hon. Asst. Commissioner of Patents
 and Trademarks
 Washington, D.C. 20231

Dear Sir or Madam:

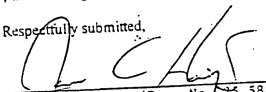
The United States Department of Health and Human Services is assignee of the entire right, title, and interest in and to the above-identified application, which is a continuation of Patent Application USSN 07/836,204, by virtue of the assignment recorded on May 21, 1992, at Reel 6132, Frames 0256-0258, in the patent assignment records of the U.S. Patent and Trademark Office. Said assignee hereby revokes all former Powers of Attorney and appoints the following attorneys as its representatives:

James C. Haight, (Reg. No. 25,538); Gloria H. Richmond, (Reg. No. 30,416); Robert Benson, (Reg. No. 33,612); Jack Spiegel, (Reg. No. 34,477); Susan S. Rucker, (Reg. No. 35,762); David R. Sadowski, (Reg. No. 32,808); Laurence J. Hyman, (Reg. No. 35,551); Steven M. Ferguson, (Reg. No. 38,448); Stephen Finley, (Reg. No. 36,537); John Peter Kim, (Reg. No. 38,451); ~~James C. Haight, (Reg. No. 25,538)~~

The recorded Assignment referred to in this Substitute Power of Attorney has been reviewed by the undersigned. The undersigned certifies that to the best of the undersigned's knowledge and belief, title is in the assignee.

The National Institutes of Health Office of Technology Transfer has been duly delegated responsibility for such patent matters under the authority of the Department of Health and Human Services Secretary Louis W. Sullivan's May 21, 1991, memorandum appearing in the Friday, June 7, 1991, Federal Register Notices at Vol. 56, No. 110, pages 26418-26419, a copy of which is attached. By delegation from Maria C. Freire, Director, in a memorandum dated April 18, 1997, the undersigned is authorized to exercise such authority in this matter.

Respectfully submitted,


 James C. Haight (Reg. No. 25,588)

For: Maria C. Freire, Director
 Office of Technology Transfer
 National Institutes of Health
 6011 Executive Boulevard, Suite 325
 Rockville, MD 20852
 Telephone (301) 496-7057

Dated: 21 OCT 97
 Enclosure
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